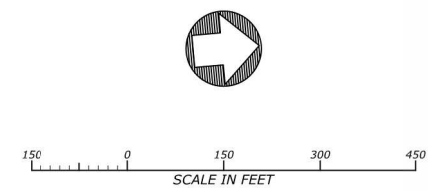


**ACCESS NOTES**

1. ACCESS ROUTES SHALL BE STAKED FOR APPROVAL BY THE C.O.R. PRIOR TO ESTABLISHMENT AS SHOWN ON THE DRAWINGS AND SHALL BE WITHIN THE GRADING LIMITS (LIMITS OF DISTURBANCE) TO THE GREATEST EXTENT PRACTICABLE.
2. CONTRACTOR SHALL AVOID CREATING MULTIPLE ACCESS ROUTES PARALLEL TO EACH OTHER UNLESS STAKED BY THE CONTRACTOR AND APPROVED BY THE CONTRACTING OFFICER.
3. STAGING AND STOCKPILE AREAS SHALL BE STAKED PRIOR TO ESTABLISHMENT AND SHALL BE LOCATED WITHIN THE GRADING LIMITS TO THE GREATEST EXTENT POSSIBLE.
4. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, ALL ACCESS ROADS, STAGING AREAS, STOCKPILE AREAS, AND AREAS SUBJECT TO VEHICULAR TRAFFIC SHALL AT A MINIMUM BE RIPPED TO A MINIMUM DEPTH OF 8-INCHES TO DECOMPACT THE DISTURBED GROUND, SEEDED, AND MULCHED. THE C.O.R. HAS FINAL APPROVAL OF THE RECLAMATION EFFORT ASSOCIATED WITH THE ACCESS, STAGING, AND STOCKPILE AREAS.

**PROPOSED CONDITIONS - ACCESS & STAGING PLAN-2**

LEGEND	
	EXISTING ROAD
	FEMA ZONE A BOUNDARY
	EXISTING OHW
	PROPOSED FILL
	PROPOSED CUT
	STAGING & STOCKPILING AREA
	TEMPORARY ACCESS ROUTE
	HELICOPTER PLACED LARGE WOOD, TYP.
	HELICOPTER DELIVERED, EQUIPMENT PLACED LARGE WOOD, TYP.
	EQUIPMENT SOURCED AND PLACED LARGE WOOD, TYP.
	PROPOSED SAWYER FELLED TREE, TYP.
	PROPOSED LOW FLOW INUNDATION



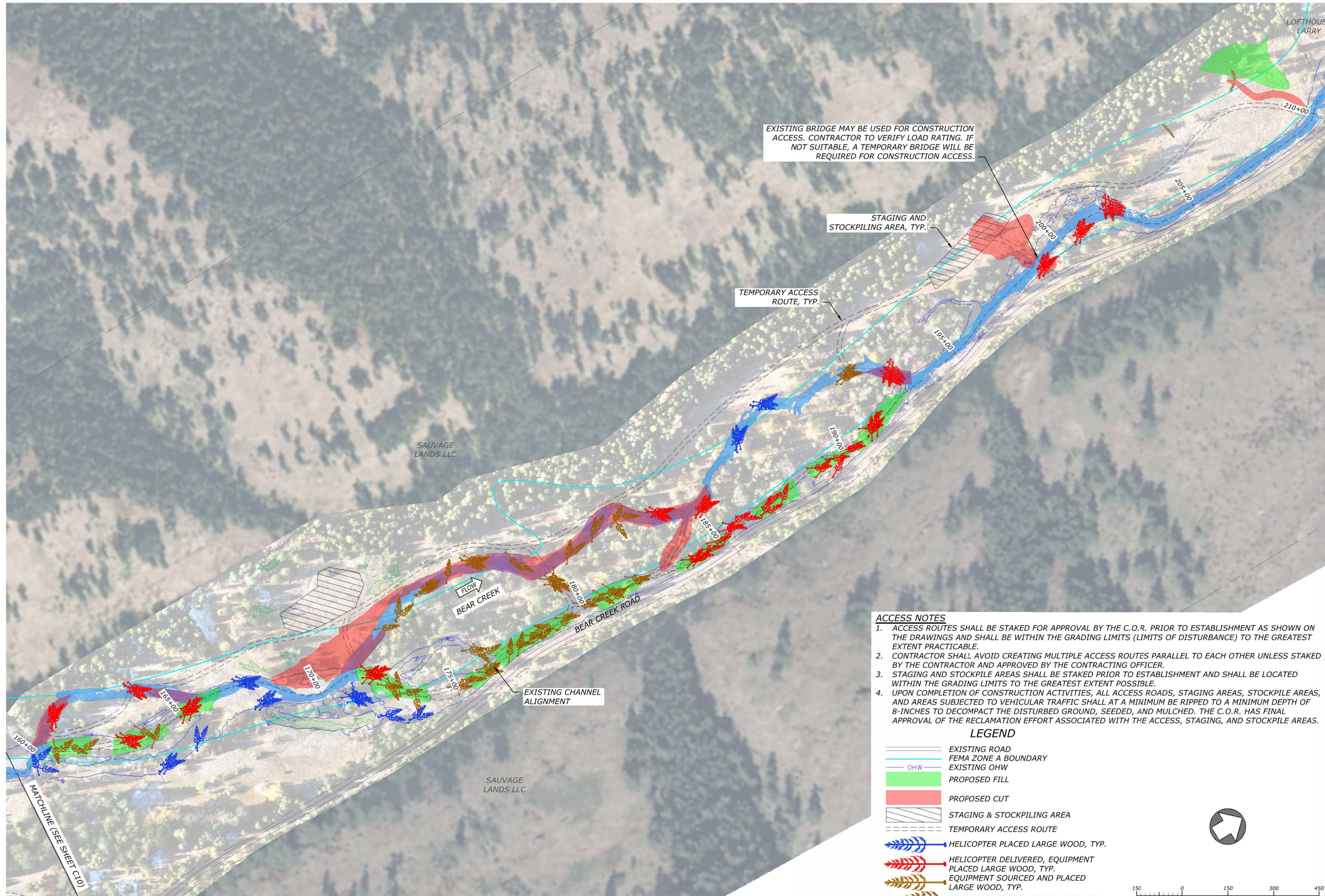
**WORKING DRAFT  
FOR REVIEW AND  
REVISION**

DATE: 10/15/2025  
DESIGNED: JF, RR, ZS, MG  
APPROVED: JF

DRAWING NAME  
PROPOSED CONDITIONS

ACCESS & STAGING  
PLAN-2

DRAWING NO.  
**C10**  
SHEET 18 OF 57



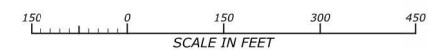
PROPOSED CONDITIONS - ACCESS & STAGING PLAN-3

**ACCESS NOTES**

1. ACCESS ROUTES SHALL BE STAKED FOR APPROVAL BY THE C.O.R. PRIOR TO ESTABLISHMENT AS SHOWN ON THE DRAWINGS AND SHALL BE WITHIN THE GRADING LIMITS (LIMITS OF DISTURBANCE) TO THE GREATEST EXTENT PRACTICABLE.
2. CONTRACTOR SHALL AVOID CREATING MULTIPLE ACCESS ROUTES PARALLEL TO EACH OTHER UNLESS STAKED BY THE CONTRACTOR AND APPROVED BY THE CONTRACTING OFFICER.
3. STAGING AND STOCKPILE AREAS SHALL BE STAKED PRIOR TO ESTABLISHMENT AND SHALL BE LOCATED WITHIN THE GRADING LIMITS TO THE GREATEST EXTENT POSSIBLE.
4. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, ALL ACCESS ROADS, STAGING AREAS, STOCKPILE AREAS, AND AREAS SUBJECTED TO VEHICULAR TRAFFIC SHALL AT A MINIMUM BE RIPPED TO A MINIMUM DEPTH OF 8-INCHES TO DECOMPACT THE DISTURBED GROUND, SEEDED, AND MULCHED. THE C.O.R. HAS FINAL APPROVAL OF THE RECLAMATION EFFORT ASSOCIATED WITH THE ACCESS, STAGING, AND STOCKPILE AREAS.

**LEGEND**

- EXISTING ROAD
- FEMA ZONE A BOUNDARY
- OHW
- EXISTING OHW
- PROPOSED FILL
- PROPOSED CUT
- STAGING & STOCKPILING AREA
- TEMPORARY ACCESS ROUTE
- HELICOPTER PLACED LARGE WOOD, TYP.
- HELICOPTER DELIVERED, EQUIPMENT PLACED LARGE WOOD, TYP.
- EQUIPMENT SOURCED AND PLACED LARGE WOOD, TYP.
- PROPOSED SAWYER FELLED TREE, TYP.
- PROPOSED LOW FLOW INUNDATION



BEAR CREEK & LITTLE BEAR CREEK-SAUVAGE FISH HABITAT RESTORATION PROJECT

80% DESIGN DRAWINGS

GRANDE RONDE MODEL WATERSHED  
BEAR CREEK  
GRANDE RONDE RIVER BASIN, OREGON

**WORKING DRAFT FOR REVIEW AND REVISION**

DATE: 10/15/2025  
DESIGNED: JF, RR, ZS, MG  
APPROVED: JF

DRAWING NAME  
PROPOSED CONDITIONS

ACCESS & STAGING PLAN-3

DRAWING NO.  
**C11**  
SHEET 19 OF 57

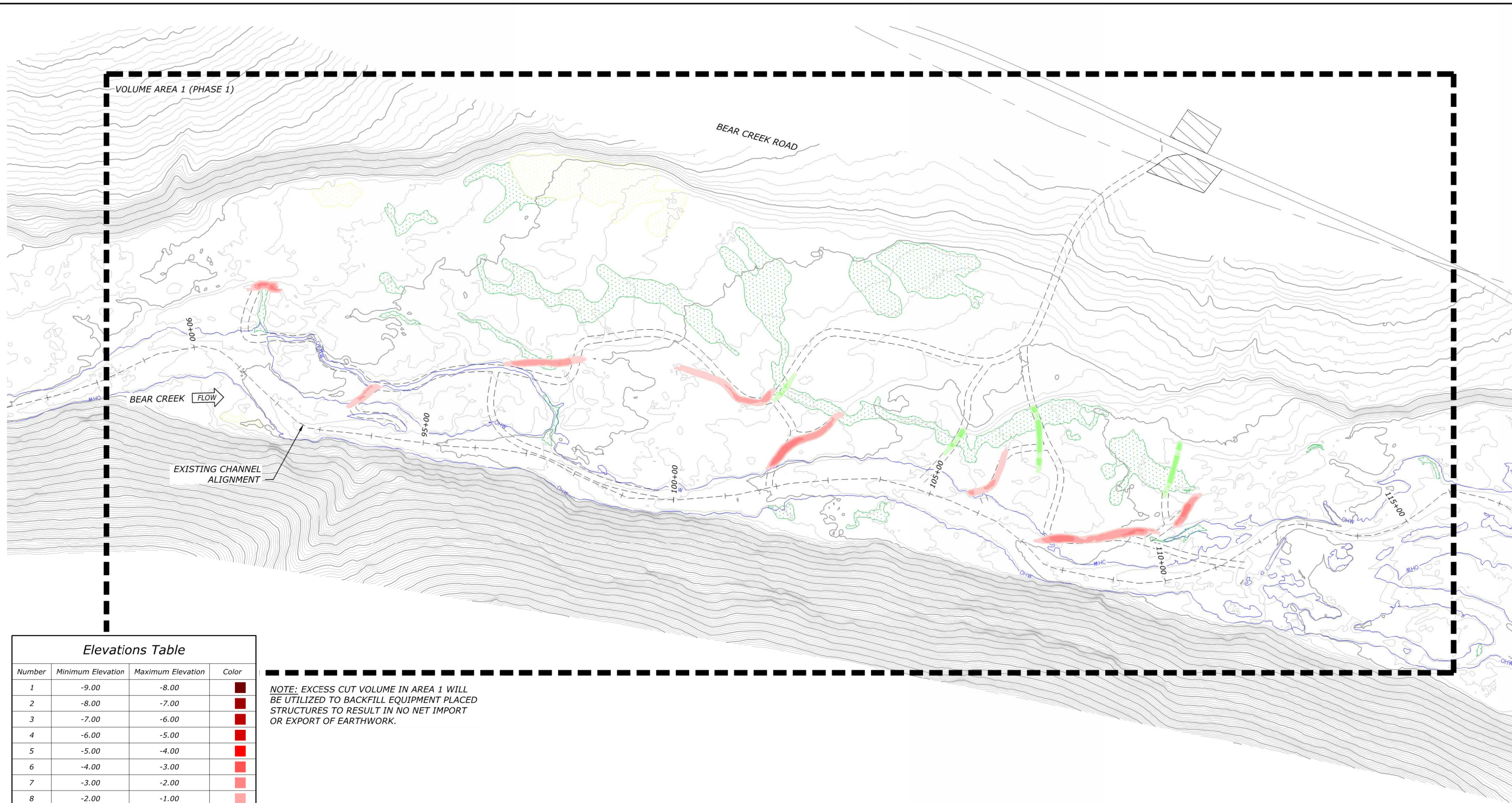
**WORKING DRAFT  
FOR REVIEW AND  
REVISION**

DATE: 10/15/2025  
DESIGNED: JF, RR, ZS, MG  
APPROVED: JF

DRAWING NAME  
PROPOSED CONDITIONS

EARTHWORK-1

DRAWING NO.  
**C12**  
SHEET 20 OF 57



Elevations Table

Number	Minimum Elevation	Maximum Elevation	Color
1	-9.00	-8.00	Dark Red
2	-8.00	-7.00	Red
3	-7.00	-6.00	Light Red
4	-6.00	-5.00	Lighter Red
5	-5.00	-4.00	Lightest Red
6	-4.00	-3.00	Lightest Red
7	-3.00	-2.00	Lightest Red
8	-2.00	-1.00	Lightest Red
9	-1.00	0.00	Lightest Red
10	0.00	1.00	Lightest Green
11	1.00	2.00	Lightest Green
12	2.00	3.00	Lightest Green
13	3.00	4.00	Lightest Green
14	4.00	5.00	Lightest Green
15	5.00	6.00	Lightest Green

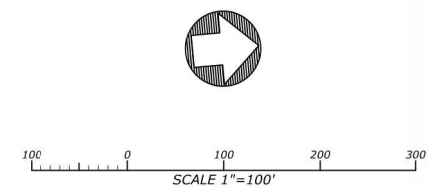
NOTE: EXCESS CUT VOLUME IN AREA 1 WILL BE UTILIZED TO BACKFILL EQUIPMENT PLACED STRUCTURES TO RESULT IN NO NET IMPORT OR EXPORT OF EARTHWORK.

CUT AND FILL VOLUMES

LOCATION	CUT (CY)	FILL (CY)	NET (CY)
PHASE 1 TOTAL	12,329	9,585	2,744 (CUT)
PHASE 2 TOTAL	8,453	7,643	810 (CUT)
AREA 1 (PHASE 1)	666	127	539 (CUT)
AREA 2 (PHASE 2)	8,453	7,643	810 (CUT)
AREA 3 (PHASE 1)	1,982	1,647	335 (CUT)
AREA 4 (PHASE 1)	36	90	54 (FILL)
AREA 5 (PHASE 1)	9,645	7,721	1,924 (CUT)

PROPOSED CONDITIONS - EARTHWORK-1

- EXISTING ROAD
- FEMA ZONE A BOUNDARY
- OHW
- EXISTING OHW
- STAGING & STOCKPILING AREA
- TEMPORARY ACCESS ROUTE



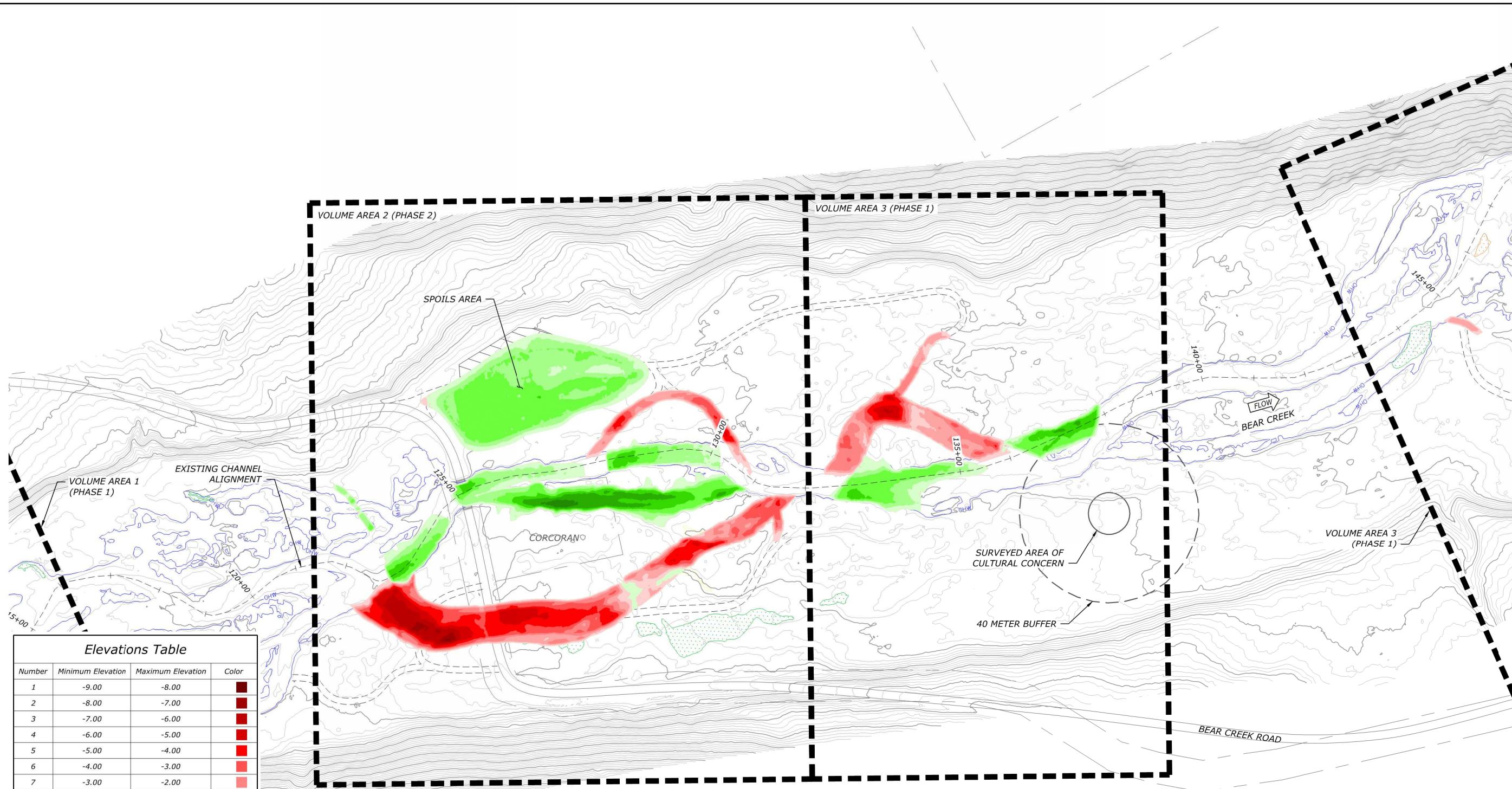
**WORKING DRAFT  
FOR REVIEW AND  
REVISION**

DATE: 10/15/2025  
DESIGNED: JF, RR, ZS, MG  
APPROVED: JF

DRAWING NAME  
PROPOSED CONDITIONS

EARTHWORK-2

DRAWING NO.  
**C13**  
SHEET 21 OF 57



Number	Minimum Elevation	Maximum Elevation	Color
1	-9.00	-8.00	Dark Red
2	-8.00	-7.00	Red
3	-7.00	-6.00	Red
4	-6.00	-5.00	Red
5	-5.00	-4.00	Red
6	-4.00	-3.00	Red
7	-3.00	-2.00	Red
8	-2.00	-1.00	Red
9	-1.00	0.00	Red
10	0.00	1.00	Light Green
11	1.00	2.00	Light Green
12	2.00	3.00	Light Green
13	3.00	4.00	Light Green
14	4.00	5.00	Light Green
15	5.00	6.00	Light Green

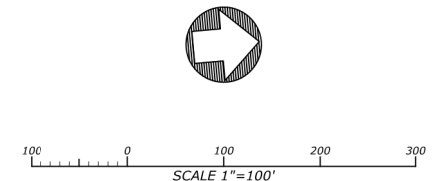
NOTE: EXCESS CUT VOLUME IN AREA 2 WILL BE UTILIZED TO BACKFILL STRUCTURES, UTILIZED IN BUILDING ROAD ELEVATIONS TO GRADE, AND PLACED IN SPOILS AREA TO RESULT IN NO NET IMPORT OR EXPORT OF EARTHWORK.

NOTE: EXCESS CUT VOLUME IN AREA 3 WILL BE UTILIZED TO BACKFILL EQUIPMENT PLACED STRUCTURES TO RESULT IN NO NET IMPORT OR EXPORT OF EARTHWORK.

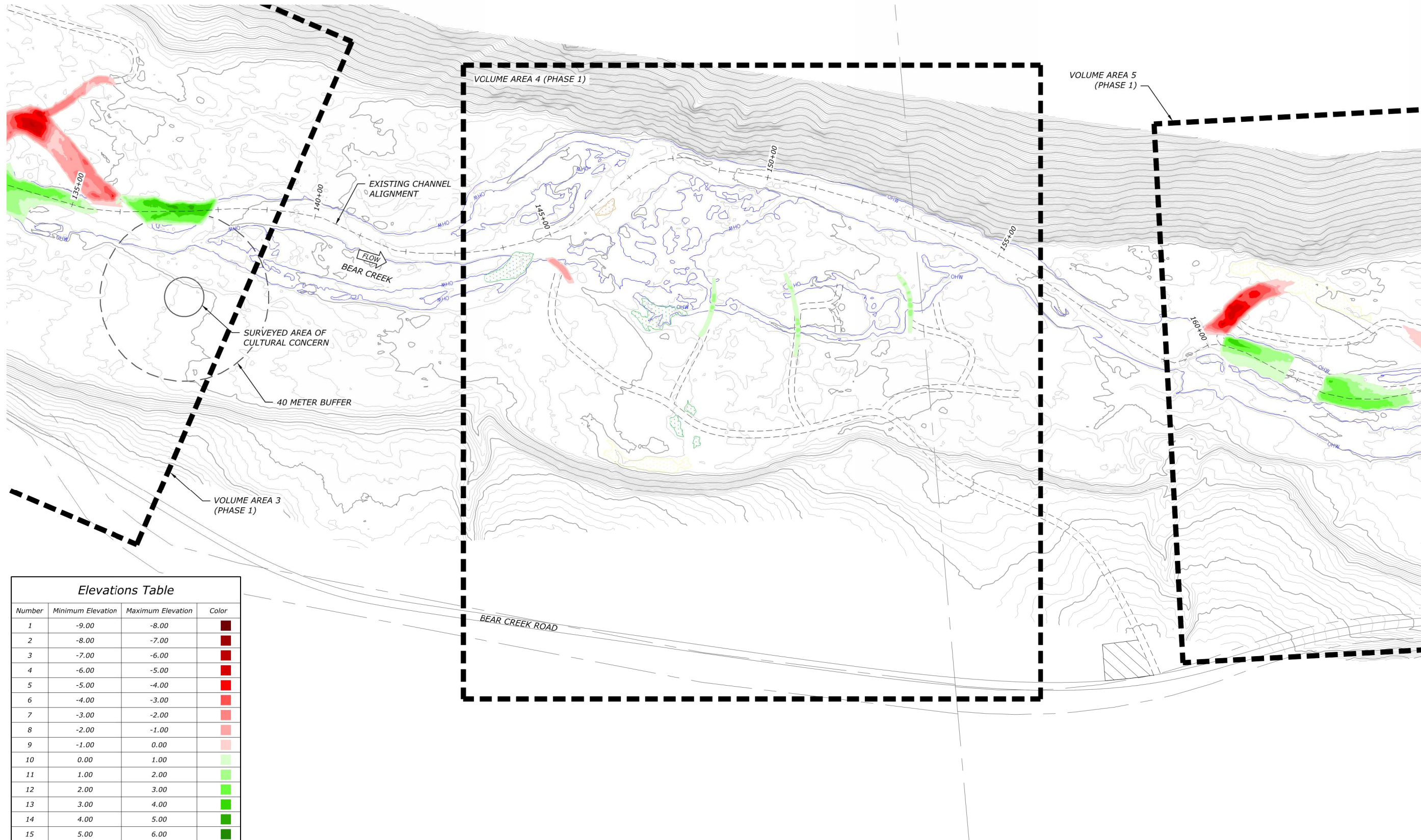
LOCATION	CUT (CY)	FILL (CY)	NET (CY)
PHASE 1 TOTAL	12,329	9,585	2,744 (CUT)
PHASE 2 TOTAL	8,453	7,643	810 (CUT)
AREA 1 (PHASE 1)	666	127	539 (CUT)
AREA 2 (PHASE 2)	8,453	7,643	810 (CUT)
AREA 3 (PHASE 1)	1,982	1,647	335 (CUT)
AREA 4 (PHASE 1)	36	90	54 (FILL)
AREA 5 (PHASE 1)	9,645	7,721	1,924 (CUT)

PROPOSED CONDITIONS - EARTHWORK-2

- EXISTING ROAD
- FEMA ZONE A BOUNDARY
- OHW
- EXISTING OHW
- STAGING & STOCKPILING AREA
- TEMPORARY ACCESS ROUTE



FILE: R:\PROJECTS\WALLOVA\_HUC141\BEAR\_CR\_ODEVL\CAD\PRODUCTION\BEAR-CREEK-EARTHWORK.DWG SAVED BY: SAM BOX PLOT DATE: 10/14/2025 4:29 PM



**Elevations Table**

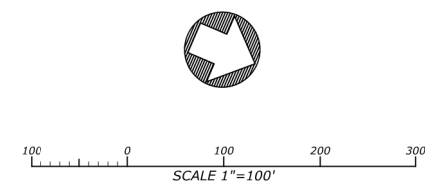
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2	-8.00	-7.00	Red
3	-7.00	-6.00	Light Red
4	-6.00	-5.00	Red
5	-5.00	-4.00	Light Red
6	-4.00	-3.00	Red
7	-3.00	-2.00	Light Red
8	-2.00	-1.00	Red
9	-1.00	0.00	Light Red
10	0.00	1.00	Light Green
11	1.00	2.00	Green
12	2.00	3.00	Light Green
13	3.00	4.00	Green
14	4.00	5.00	Light Green
15	5.00	6.00	Green

**CUT AND FILL VOLUMES**

LOCATION	CUT (CY)	FILL (CY)	NET (CY)
PHASE 1 TOTAL	12,329	9,585	2,744 (CUT)
PHASE 2 TOTAL	8,453	7,643	810 (CUT)
AREA 1 (PHASE 1)	666	127	539 (CUT)
AREA 2 (PHASE 2)	8,453	7,643	810 (CUT)
AREA 3 (PHASE 1)	1,982	1,647	335 (CUT)
AREA 4 (PHASE 1)	36	90	54 (FILL)
AREA 5 (PHASE 1)	9,645	7,721	1,924 (CUT)

**PROPOSED CONDITIONS - EARTHWORK-3**

- EXISTING ROAD
- FEMA ZONE A BOUNDARY
- OHW
- EXISTING OHW
- STAGING & STOCKPILING AREA
- TEMPORARY ACCESS ROUTE



**WORKING DRAFT  
FOR REVIEW AND  
REVISION**

DATE: 10/15/2025  
 DESIGNED: JF, RR, ZS, MG  
 APPROVED: JF

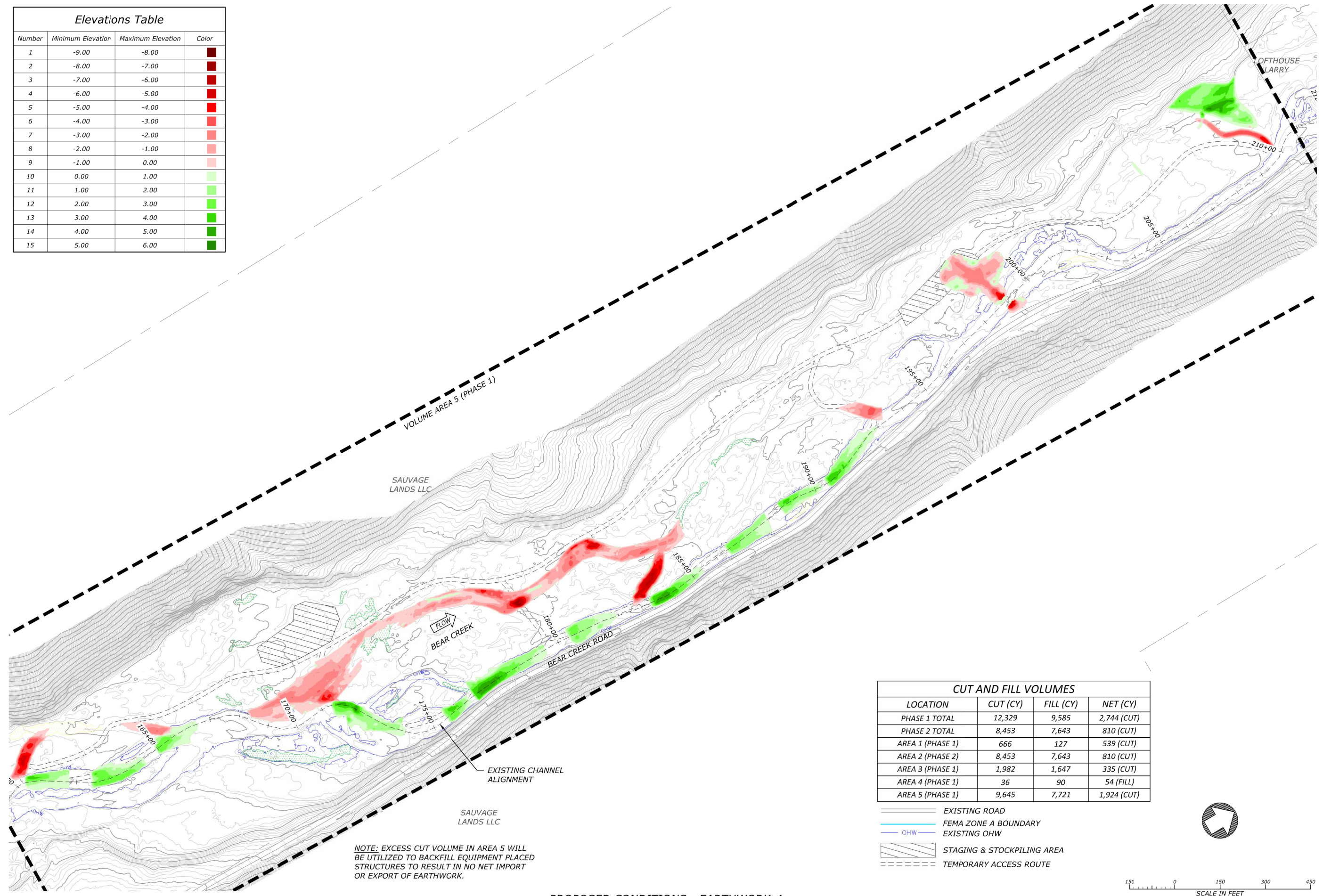
DRAWING NAME  
**PROPOSED CONDITIONS**

**EARTHWORK-3**

DRAWING NO.  
**C14**  
 SHEET 22 OF 57

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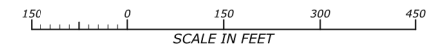
Number	Minimum Elevation	Maximum Elevation	Color
1	-9.00	-8.00	Dark Red
2	-8.00	-7.00	Red
3	-7.00	-6.00	Red
4	-6.00	-5.00	Red
5	-5.00	-4.00	Red
6	-4.00	-3.00	Red
7	-3.00	-2.00	Red
8	-2.00	-1.00	Red
9	-1.00	0.00	Red
10	0.00	1.00	Light Green
11	1.00	2.00	Light Green
12	2.00	3.00	Light Green
13	3.00	4.00	Light Green
14	4.00	5.00	Light Green
15	5.00	6.00	Light Green



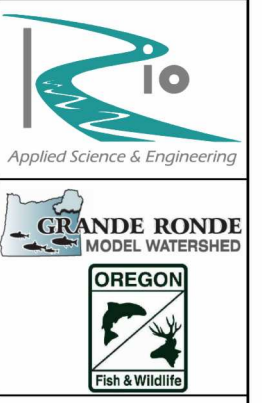
NOTE: EXCESS CUT VOLUME IN AREA 5 WILL BE UTILIZED TO BACKFILL EQUIPMENT PLACED STRUCTURES TO RESULT IN NO NET IMPORT OR EXPORT OF EARTHWORK.

LOCATION	CUT (CY)	FILL (CY)	NET (CY)
PHASE 1 TOTAL	12,329	9,585	2,744 (CUT)
PHASE 2 TOTAL	8,453	7,643	810 (CUT)
AREA 1 (PHASE 1)	666	127	539 (CUT)
AREA 2 (PHASE 2)	8,453	7,643	810 (CUT)
AREA 3 (PHASE 1)	1,982	1,647	335 (CUT)
AREA 4 (PHASE 1)	36	90	54 (FILL)
AREA 5 (PHASE 1)	9,645	7,721	1,924 (CUT)

- EXISTING ROAD
- FEMA ZONE A BOUNDARY
- OHW
- EXISTING OHW
- STAGING & STOCKPILING AREA
- TEMPORARY ACCESS ROUTE



**PROPOSED CONDITIONS - EARTHWORK-4**



**BEAR CREEK & LITTLE BEAR CREEK-SAUVAGE FISH HABITAT RESTORATION PROJECT**  
**80% DESIGN DRAWINGS**  
 GRANDE RONDE MODEL WATERSHED  
 BEAR CREEK  
 GRANDE RONDE RIVER BASIN, OREGON

**WORKING DRAFT FOR REVIEW AND REVISION**

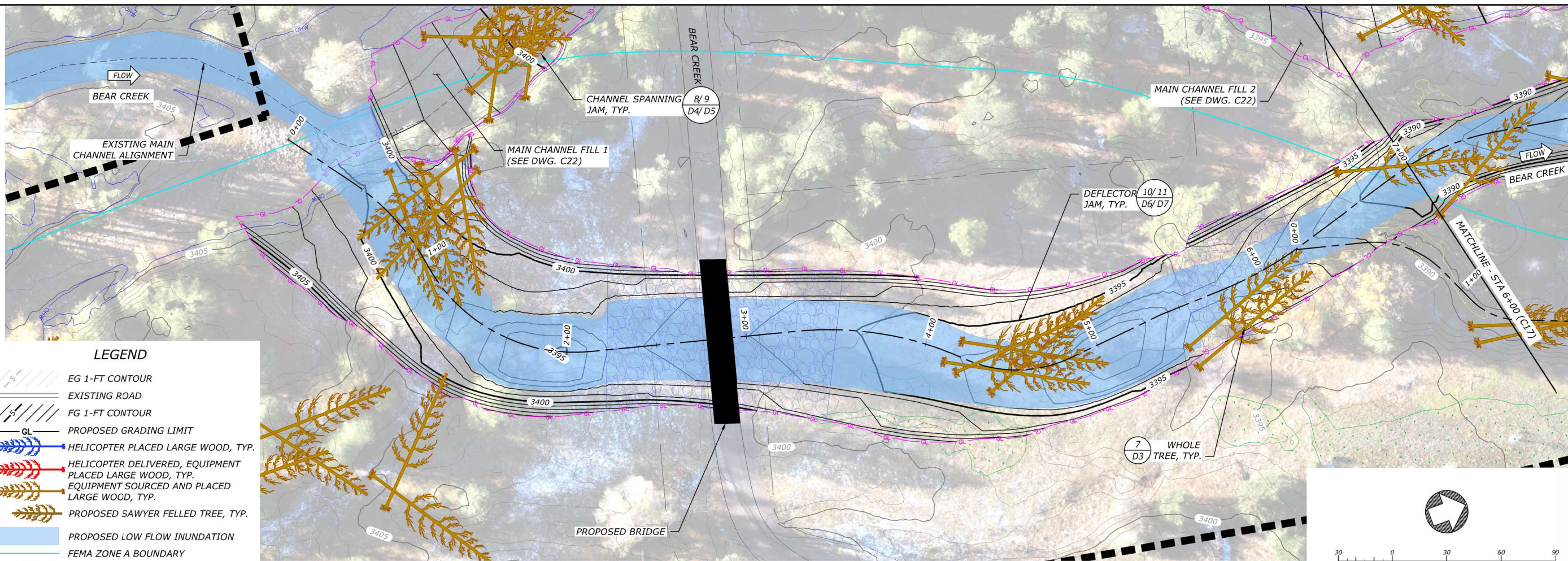
DATE: 10/15/2025  
 DESIGNED: JF, RR, ZS, MG  
 APPROVED: JF

DRAWING NAME  
**PROPOSED CONDITIONS**

**EARTHWORK-4**

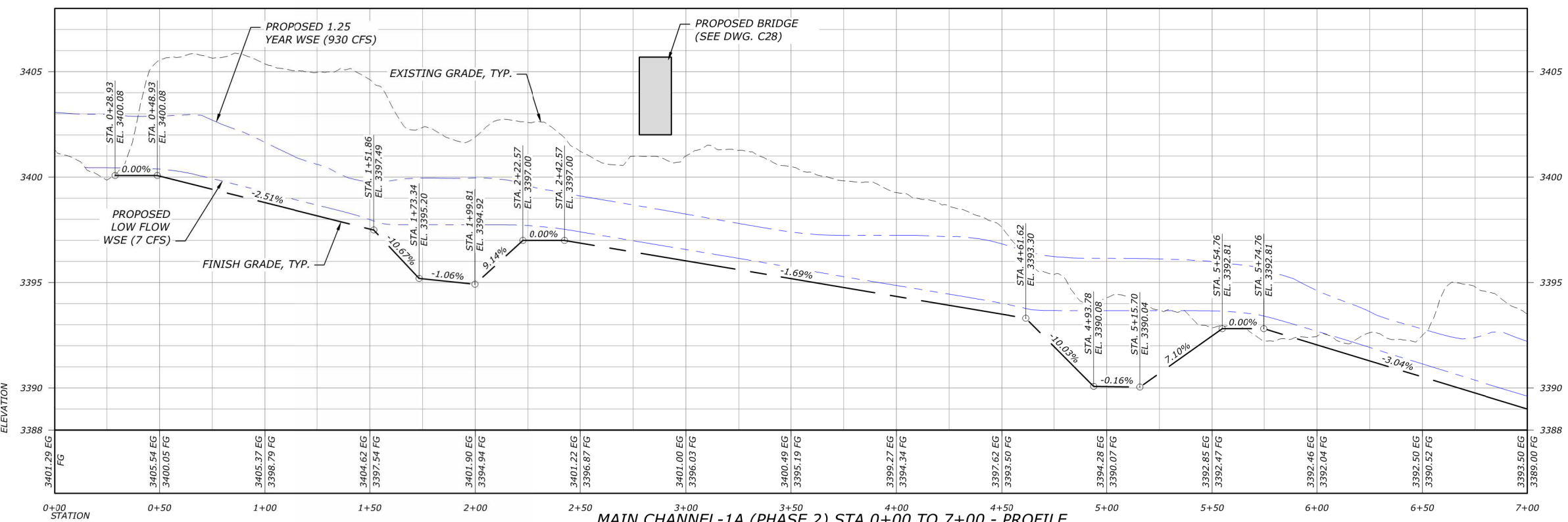
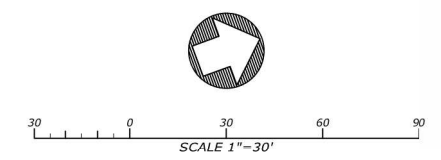
DRAWING NO.  
**C15**  
 SHEET 23 OF 57

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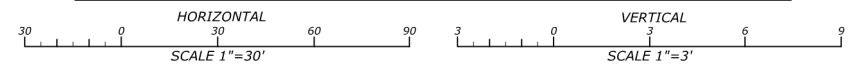


MAIN CHANNEL-1A (PHASE 2) STA 0+00 TO 7+00 - PLAN

- LEGEND**
- EG 1-FT CONTOUR
  - EXISTING ROAD
  - FG 1-FT CONTOUR
  - PROPOSED GRADING LIMIT
  - HELICOPTER PLACED LARGE WOOD, TYP.
  - HELICOPTER DELIVERED, EQUIPMENT PLACED LARGE WOOD, TYP.
  - EQUIPMENT SOURCED AND PLACED LARGE WOOD, TYP.
  - PROPOSED SAWYER FELLED TREE, TYP.
  - PROPOSED LOW FLOW INUNDATION
  - FEMA ZONE A BOUNDARY
  - EXISTING OHW
  - PROPOSED CONSTRUCTED RIFFLE



MAIN CHANNEL-1A (PHASE 2) STA 0+00 TO 7+00 - PROFILE



**BEAR CREEK & LITTLE BEAR CREEK-SAUSAGE FISH HABITAT RESTORATION PROJECT**

**80% DESIGN DRAWINGS**  
 GRANDE RONDE MODEL WATERSHED  
 BEAR CREEK  
 GRANDE RONDE RIVER BASIN, OREGON

**WORKING DRAFT FOR REVIEW AND REVISION**

DATE: 10/15/2025  
 DESIGNED: JF, RR, ZS, MG  
 APPROVED: JF

DRAWING NAME  
 PLAN & PROFILES

MAIN CHANNEL-1 STA 0+00 TO 7+00

DRAWING NO.  
**C16**  
 SHEET 24 OF 57

FILE: R:\PROJECTS\WALLOVA\_HUC141\BEAR\_CR\_ODEVELOP\PRODUCT\MAIN\BEAR-CREEK-PLAN\PROFILES.DWG SAVED BY: ZACH SUDMAN PLOT DATE: 10/14/2025 4:33 PM